

ORRES CONTROL
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ORDER# 4700.1

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CHINS, NM		
KSON, DT		
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RX, GE		
DONALD, MM		
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RGAN, RV		
ITER, GL		
ZUTO, VM		
ING, TL		
DLIN, NB		
HWARTZ, JK		
FLOCK, GH		
WART, DL		
GER, SG		
BIN, PM		
ORHEIS, GM		
SON, JM		
RANDALL	✓	✓
HOLSTEN	✓	✓
HOLST	✓	✓
C. MAST	✓	✓
ORRES CONTROL	X	X
OMN RECORD/080	✓	✓
RAFFIC		
ATS/T130G		

CLASSIFICATION

NI	
CLASSIFIED	
CONFIDENTIAL	
CRET	

AUTHORIZED CLASSIFIER
SIGNATURE

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REPLY TO RFP CC NO

ITEM STATUS

PARTIAL/OPEN

☐ CLOSED

R APPROVALS

IG & TYPIST INITIALS

NAH/ERW

NAH

46469 (Rev 8/94)

EG&G ROCKY FLATS

EG&G ROCKY FLATS INC

ROCKY FLATS PLANT P O BOX 464 GOLDEN COLORADO 80402 0464 (303) 966 7000

July 15 1994



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94 RF 07655

Jennifer Pepe
Project Manager
Environmental Restoration Division
DOE RFFO

TRANSMITTAL OF MEETING MINUTES FROM THE DATA AGGREGATION ISSUES FOR
OPERABLE UNIT SIX MEETING HELD JUNE 30 1994 NAH 006 94

This letter transmits the minutes from the meeting held on June 30 1994 at the Environmental
Protection Agency discussing the Data Aggregation Issues for Operable Unit Six Walnut Creek
Priority Drainage If you have any question please call me at 966 6987

Neil A. Holsten

N A Holsten
Project Manager
Operable Unit Six

crw

Orig and 1 cc J Pepe

Attachments
As Stated

cc

H Ainscough CDH

B Fraser EPA



DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

A DUC 000,30

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~~_____~~

~~SA~~ Run each IHSS separately through CDT except for
maybe the trenches but group for risk assessment
as areas of concern

will be sent to 07

 , DOB

Neil A. Holden, E646

MEETING MINUTES

June 30 1994

Attendees Bill Fraser (EPA) Jen Pepe (DOE) Neil Holsteen (EG&G) Rotha Randall (EG&G) Mary Lee Hogg (ICF-Kaiser) Pat Westphal (WCFS) Robert Clark (WCFS) Art Gust (WCFS) Jeanette Dubois (WCFS) Kirsten Derr (WCFS)
CDH was not present at the meeting

SUBJECT Source Areas for OU-6 risk assessment The meeting was held at EPA's Region 8 Denver office

The meeting was held to discuss how best to delineate OU-6 source areas for the CDH PRG screen It was decided to proceed with the meeting even though CDH was not present The following items were agreed upon

- Source areas within OU-6 consist of soil contaminant areas and ponds source areas are equivalent to the IHSSs With the exception of the Old Outfall IHSS 143 no groundwater plumes emanate from OU-6 sources Groundwater contamination detected in OU-6 wells consists of nitrate plume from the solar ponds leachate plume from landfill parts of plume emanating from OU-2 Mound Area and NE Trenches contaminated groundwater at the Old Outfall and wells at Indiana Avenue near the terminal pond
- The CDH PRG screen will be performed for each IHSS If contaminated groundwater detected in OU-6 wells occurs beneath an IHSS the groundwater will be included in the screen for that IHSS
- Old Outfall IHSS 143 will be transferred from OU-6 to OU-8 The discussion of IHSS 143 will be left in the RI report but no risk assessment will be performed except for the CDH PRG screen (Harlan Ainscough of CDH has verbally agreed to this)

- Nitrates from the solar ponds were detected in some of the OU-6 wells. The nitrate plume is not co-located with OU-6 IHSSs except for a small portion in the Triangle Area. It is uncertain whether the leading edge of the plume reaches the A series ponds due to lack of wells in the area. The OU-6 groundwater data from wells in this plume will be described in the OU-6 RI report. The CDH PRG screen will be performed on nitrates and other contaminants detected in wells upgradient of the A-1 pond as part of the A-1 IHSS, and risk assessment for groundwater ingestion will be performed if the contamination is co-located with an OU-6 IHSS or area of concern.
- Concentrations of contamination in the groundwater near the terminal pond (IHSS 142 12) will be compared to PRGs and reported in the OU-6 RI report and Human Health Risk Assessment report. Because an additional investigation is being conducted, no risk assessment beyond comparison to PRGs will be performed.
- The landfill spray field (IHSS 167 2) has been removed from OU-6 and transferred to OU-7. Data collected from the original IHSS 167 2 location will not be reported in the OU-6 RI report. Removal of the IHSS 167 2 data from OU-6 will require revising background statistics for surface and subsurface soil inorganics and revising the Con/Tox screens.
- EG&G/DOE will propose areas of concern for risk assessment for agency consideration and approval.
- EPA has not approved the Modeling Technical Memorandum because of concerns over potential inconsistencies with the future final Exposure Scenarios Technical Memorandum (ESTM). EG&G/DOE will revise the Modeling Tech Memo and edit unnecessary repetition with ESTM to facilitate approval of the Modeling Tech Memo prior to final approval of the ESTM.

Items to be resolved

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OUG Meeting

It was decided to proceed without CDH presence

Purpose of meeting Determining how data should be grouped for risk assessment

Each IHSS has CoCs for surface soil / sediments

Metals are often below Mean + 2SD

~~to be considered~~

Question about quality of sediment background data

- Could throw all metals into context screen

Bill Fraser doesn't have a problem with what's being done now

Groundwater it appears all plumes generate ^{outside of} ~~off~~ the OUG Groundwater would be included in risk assessment

- Include data in risk assessment / only data that falls within the context screen - no modelling no including source area

Independent risk evaluation on Nitrate

* Ven Siepe will take the issue back to ^{DOG} take ~~use~~ of exposure to dry seeds

* Should Nitrate plume and other outside OUG plumes be included with appropriate IHSS screens and risk assessment

IHSS 143 - should be transferred to OUG

Bill Fraser didn't really have an opinion

* Take it through CDH screen and then transfer it to OUG ERM + DOE will determine when transfer will occur

will be resolved along with OUG exposure scenarios

5/6

- What exposure scenarios for human health risk assessment apply to the A and B Series ponds - (1) intermittent exposure to wet sediment of current worker, future ecological researcher and recreational use by future on-site residents or (2) chronic residential exposure to exposed dry sediment?

Action items

- EG&G/DOE to seek clarification on whether chronic residential exposure to dry pond sediments is to be evaluated in the risk assessment.
- EG&G/DOE will edit the Model Tech Memo for resubmittal to the agencies